

STALLION TURBINE WALTER EXP.



19 MAY 2006 STALL TESTING FUEL 120 GAL = 840 lbs. + Pilot + Co pilot 350 1190 = 1200 lbs. Empty Wt -----2600 = total 3800 lbs. Climb: 2,000 to 9,000 ft (monitor ITT ; which rises as you climb) 160KIAS 2000rpm ITT 600, N1 94%, Torque , N2 1850, FF 49g/h POWER OFF STALL 9,000 ft. Clean, gear retracted no flaps (inpending) 80KIAS, (actual) 78 KIAS Landing configuration gear down, full flaps: 65KIAS, 60 KIAS BEST GLIDE Power idle, prop full feather, gear retracted, no flaps 120 KIAS-----800rpm 110 KIAS -----900 rpm 100 KIAS-----900 rpm NOTE: pitch very sensitive during flight. Avoid prop over speed. Advance prop slowly when coming out of feather: Monitor N2 ISOL practice: THROTTLE : ... Idle CONDITION LEVER:at detent ISOL SWICTH: On, quickly, use condition lever as throttle ITT decreasing, torque decreasing: FCU problem, go to ISOL ITT increasing, Torque decreasing: (crossing signals) BAD NEWS NEED TO SHUT DOWN ! FLT time 1.1 hrs fuel burned 33 gal / 281lbs Fuel remaining 87 gal 609 lbs 3 landings to fullstop